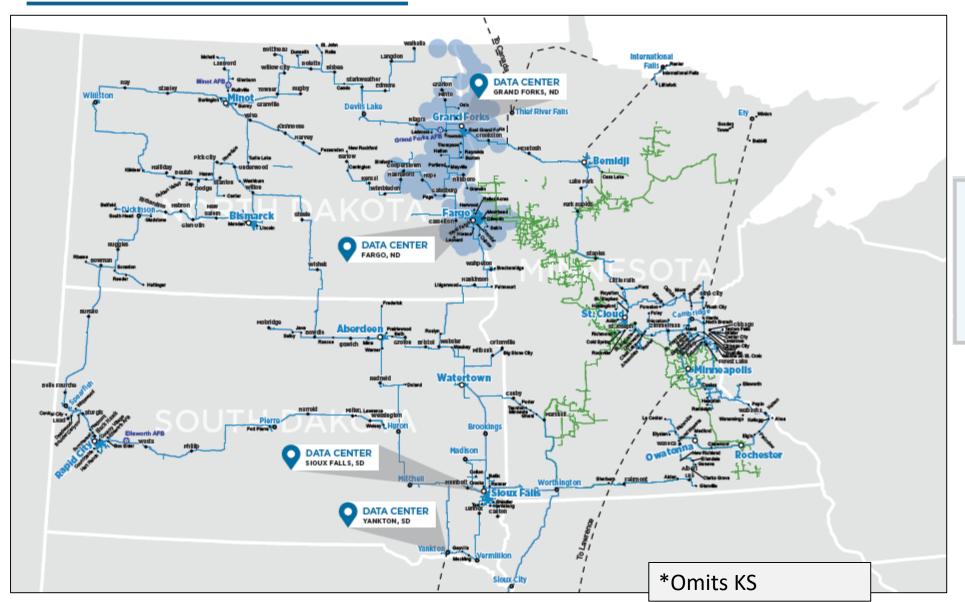
Closing the Digital Divide

Fiber and Fixed Wireless Chairman Ajit Pai- September 2019



Current Network*





DXI MIDCO Let's Go®

Current Fiber Offerings

- Fiber is the backbone for innovation, including fixed wireless
 - Passing 10,000 miles of fiber in 2019

Nearly 400,000 customers across 5 states

- 84% of SD data customers have access to affordable Gig
 - 30 more communities in MN added next month



10G Evolution

 Leverages recent advances to build upon our Gig capability

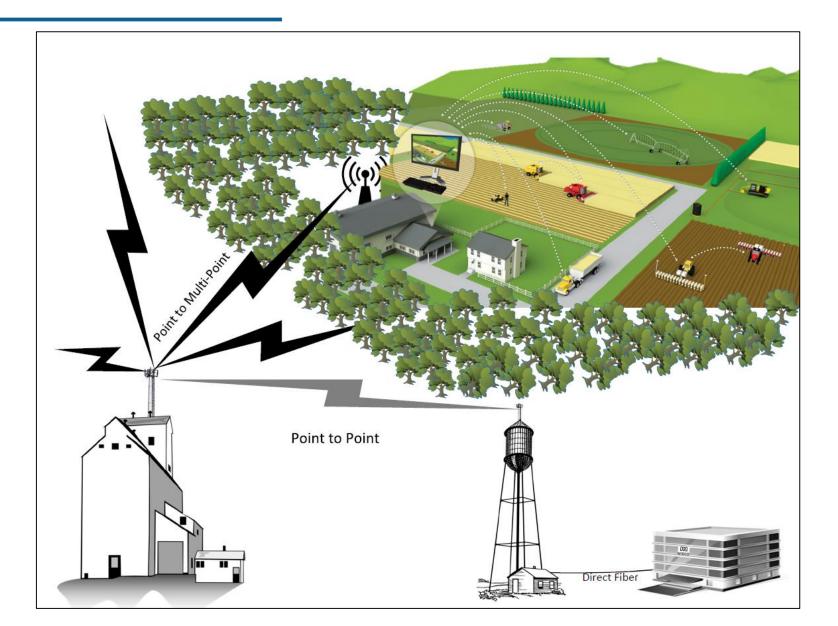


 Features fiber-smart, 2-way speeds and carrier-class 10G speeds for future generations of network technology

Brings world-class capability to rural SD



Fixed Wireless Connects Rural America





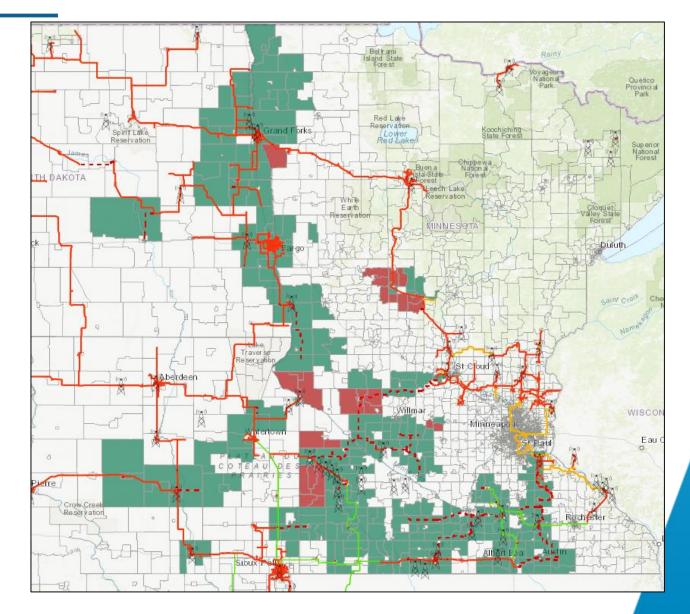
Midco_® Edge Out_{sm}

- Fiber leads all strategic builds
 - Wireline buildouts where possible
 - Fiber-fed towers for internet connectivity
- Fixed wireless is a tool in the toolbox, with various uses
 - Prior to a fiber build
 - Remote areas
 - Difficult terrain
- Awarded \$38.9 Million in CAF Phase II



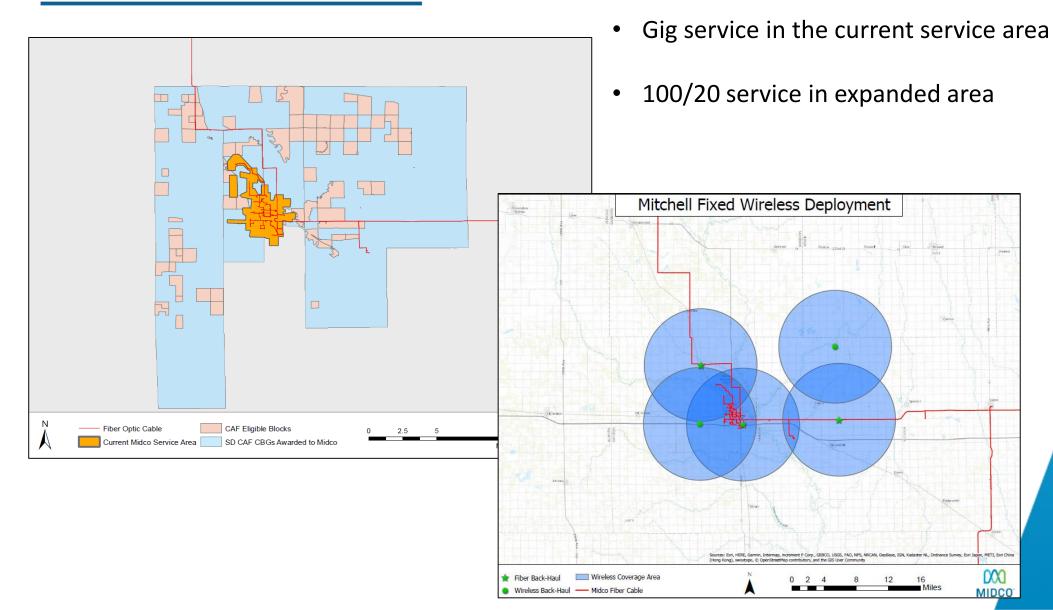
Midco CAF Areas

- This partnership with the FCC accelerates our Edge Out₅
- Reverse auction resulted in ~\$70 million saving



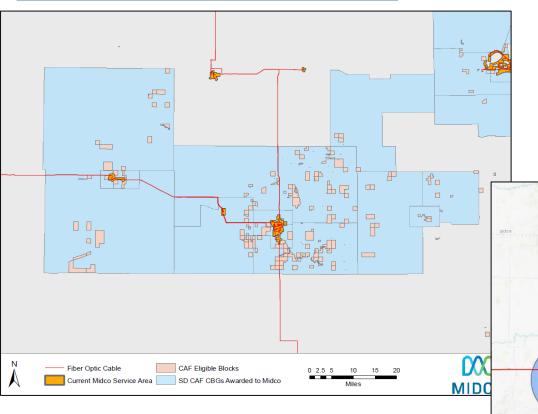


Expanding the Mitchell Service Area



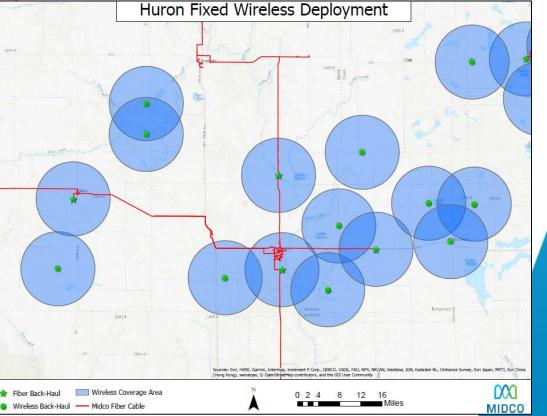


Expanding the Huron Service Area



 Huron, Milbank, Miller, etc. all have Gig availability

100/20 in expanded area





Midco Fixed Wireless Broadband

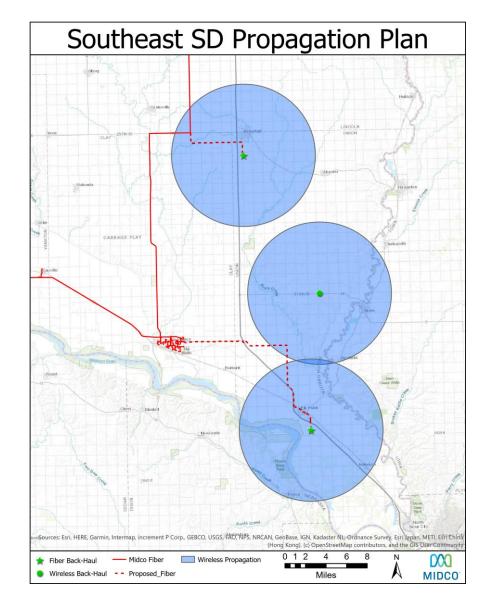
- 9,371 CAF locations
 - Minnesota- 7,410
 - North Dakota- 1,069
 - South Dakota- 892

100/20+ speeds will be offered; no data caps



Midco Participation in State Programs

- Awarded \$300,000 from Governor Noem's Connect SD Program
- Recently submitted 6
 applications for
 Minnesota's Border to-Border Broadband
 grant program



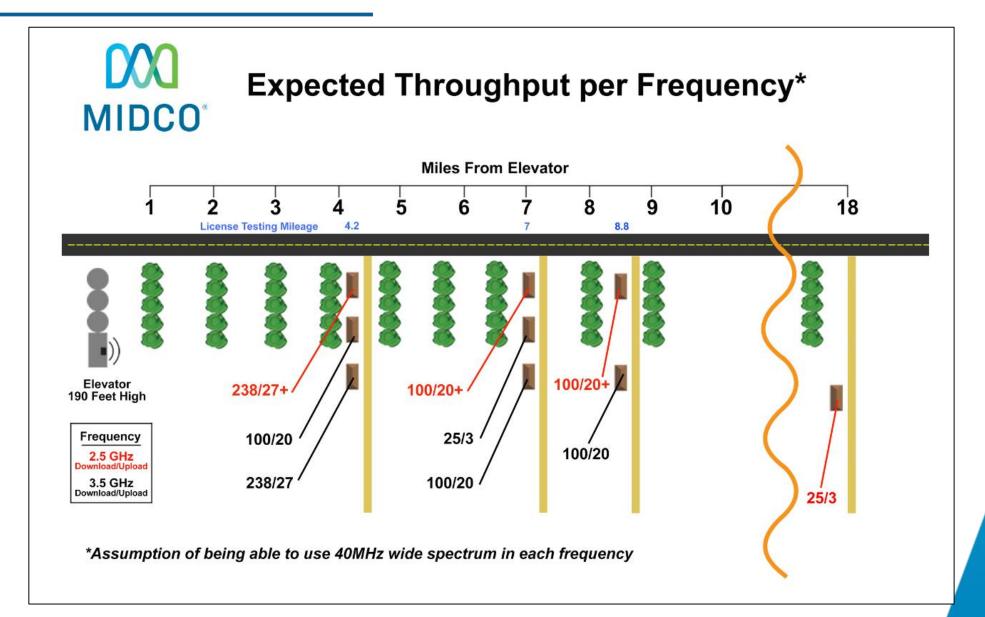


Current Core Network is LTE

- Carrier-grade network using LTE technology
- "4.5G" current capability
- Fixed 5G future capability; with access to more spectrum
- Can be upgraded to 2.5 GHz for near and non-line of site when spectrum becomes available

Let's Go

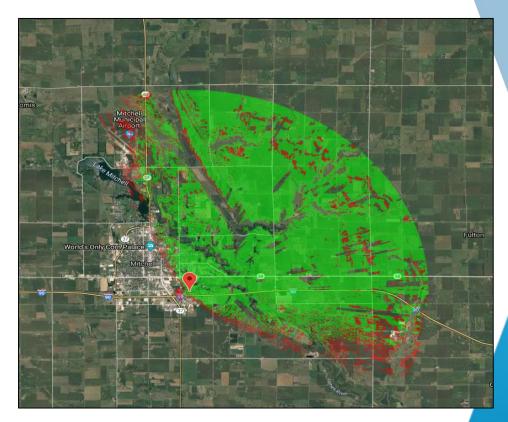
Mid-Band LTE Network





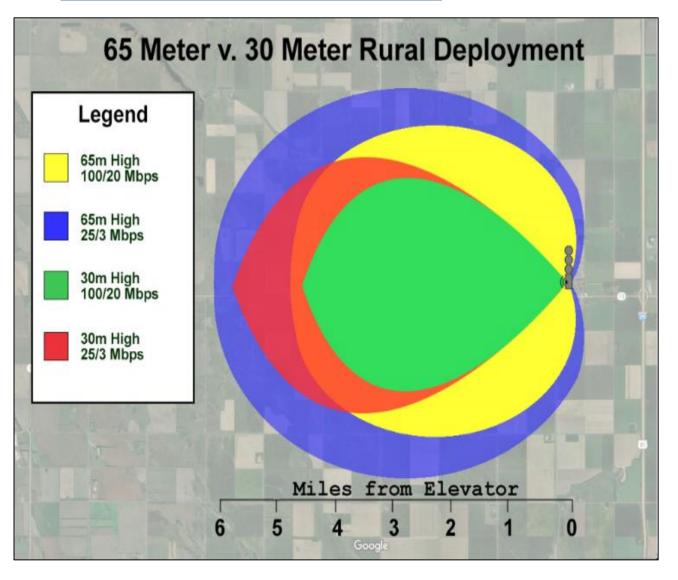
C Band

- Midco recently completed testing in the lower 100 MHz (3700-3800 MHz) of the C Band
- Using current technology, we can achieve speeds of 100/20 Mbps; new Telrad equipment capable of 200/40 Mbps
- We support shared use after satellite and cable are repacked





Future - 6 GHz Band Expands Possibilities



- 850 MHz for fixed wireless & Wi-Fi 6
- 160 MHz channels, compared to 80 MHz channels in 5 GHz, provide greater potential for speeds / coverage areas
- Need higher power and higher deployment height



Rural Digital Opportunities Fund

- Technology neutral
 - Use the same weights for speed and latency as CAF II
- Continue reverse auction approach
- Define broadband as a minimum of 25/3 Mbps
- Support the tiered approach; focus on unserved

